

CLAIMS

1. A metal identification platelet (1) equipped with an identification code, **characterized by the fact**, that the identification code comprises a hologram (2).
2. The metal identification platelet (1) as in Claim 1, **characterized by the fact**, that the identification code further comprises a passage shape hole (3), and/or the identification code is constituted by an external shape of the platelet (1).
3. The metal identification platelet (1) as in Claim 2, **characterized by the fact**, that the hologram (2) and/or shape hole (3) comprises of alphanumeric characters.
4. The metal identification platelet (1) as in any of the Claims 1 to 3, **characterized by the fact**, that the metal used is nickel, 1 to 15 μm thick.
5. A method of producing an identification platelet (1) with the identification code, **characterized by the fact**, that it comprises the following steps:
a shield (9) from an electro-insulation material is formed on a shim (4) with a holographic motif (7),
then, the shim (4) is galvanized in the places not covered by the shield (9) from the electro-insulation material,
and the completed metal identification platelets (1) are removed from the shim (4).
6. The method as in Claim 5, **characterized by the fact**, that shield (9) from the electro-insulation material is produced in the following way:
a photoresist layer (5) is applied on the shim (4) with a holographic motif (7), then a mask (6) is put on the photoresist layer (5), and the photoresist layer (5) with the mask (6) is exposed by a UV lamp, and the exposed photoresist layer (5) is etched from the shim (4) in a developer,
than the shim (4) is galvanized in the places where the photoresist layer (5) was etched,
the waste photoresist layer (5) is removed,

and the completed metal identification platelets (1) are taken from the shim (4).

7. The method as in Claim 5 or 6, **characterized by the fact**, that the shim (4) is passivated by the solution of potassium dichromate.

8. The method as in any of the Claims 6 to 7, **characterized by the fact**, that a printing film is used as the mask (6).

9. The method as in any of the Claims 5 to 8, **characterized by the fact**, that the shim (4) is galvanized in a galvanic-plastic nickel bath.

10. The method as in any of the Claims 5 to 9, **characterized by the fact**, that the waste shield (9) from the electro-insulation material and/or waste photoresist layer (5) is removed by washing in a solvent, and then the shim (4) is washed in demineralised water and dried.

11. The method as in any of the Claims 5 to 10, **characterized by the fact**, that the completed metal identification platelets (1) are removed from the shim (4) by fine scraping or in an ultrasonic bath.

12. The method as in any of the Claims 5 to 11, **characterized by the fact**, that the shim (4) with the holographic motif (7) is made from nickel.

13. The method as in Claim 5, **characterized by the fact**, that the shield (9) from the electro-insulation material is applied directly on the shim (4) with the holographic motif (7) using a printing method.

14. The method as in Claim 13, **characterized by the fact**, that the shield (9) from the electro-insulation material is applied using the method of intaglio printing.